SEQUENCE LISTING

<110> Walke, D. Wade
     Wilganowski, Nathaniel L.
     Donoho, Gregory
     Turner, C. Alexander Jr.

<120> Novel Human Proteases and Polynucleotides Encoding the Same

<130> LEX 0114-USA

<150> US 60/174,686
<151> 2002-01-06

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 654
<212> DNA
<213> Homo sapien

<400> 1

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attgcacttt ttcacttaaa aaaagcagtg aggtataatg actatattca gcctatttgc     180
ctaccttttg atgtttttcca aatcctggac ggaaacacaa agtgtttat aagtggctgg     240
ggaagaacaa aagaagaagg taacgctaca aatattttac aagatgcaga agtgcattat     300
attttctcgag agatgtgtaa ttctgagagg agttatgggg gaataattcc taacacttca     360
ttttgtgcag gtgatgaaga tggagctttt gatacttgca ggggtgacag tggggggacca    420
ttaatgtgct acttaccaga atataaaaga ttttttgtaa tgggaattac cagttacgga     480
catggctgtg gtcgaagagg tttttcctggt gtctatattg ggccatcctt ctaccaaaag    540
tggctgacag agcatttctt ccatgcaagc actcaaggca tacttactat aaatatttta    600
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<210> 2
<211> 217
<212> PRT
<213> Homo sapien

<400> 2

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His Thr Lys Lys Ile Lys Ile Lys Ala Ile Ile Ile His Pro Asn Phe
            20                  25                  3
Ile Leu Glu Ser Tyr Val Asn Asp Ile Ala Leu Phe His Leu Lys Lys
            45              4                   4
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                100                    105                    110
Gly Gly Ile Ile Pro Asn Thr Ser Phe Cys Ala Gly Asp Glu Asp Gly
        115                    120                    125
Ala Phe Asp Thr Cys Arg Gly Asp Ser Gly Gly Pro Leu Met Cys Tyr
      130                    135                    140
Leu Pro Glu Tyr Lys Arg Phe Phe Val Met Gly Ile Thr Ser Tyr Gly
145                    150                    155                    160
His Gly Cys Gly Arg Arg Gly Phe Pro Gly Val Tyr Ile Gly Pro Ser
                    165                    170                    175
Phe Tyr Gln Lys Trp Leu Thr Glu His Phe Phe His Ala Ser Thr Gln
              180                    185                    190
Gly Ile Leu Thr Ile Asn Ile Leu Arg Gly Gln Ile Leu Ile Ala Leu
            195                    200                    205
Cys Phe Val Ile Leu Leu Ala Thr Thr
        210                    215


<210> 3
<211> 1047
<212> DNA
<213> Homo sapien


<400> 3
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tcccagcagg ctgaggccgt ccgcaagagg ctccggcggc ggaggggaggg agggggcgcat     180
gcaaaggatt gtggaacagc acggcttaag gatgtgttgc aagggtctcg gattatagggg      240
ggcaccgaag cacaagctgg cgcatggccg tgggtggtga gcctgcagat taaatatggc       300
cgtgttcttg ttcatgtatg tgggggaacc ctagtgagag agaggtgggt cctcacagct       360
gcccactgca ctaaagactc tagcgatcct ttaatgtgga cagctgtgat tggaactaat      420
aatatacatg gacgctatcc tcataccaag aagataaaaa ttaaagcaat cattattcat     480
ccaaacttca tttggaatc ttatgtaaat gatattgcac ttttttcactt aaaaaaaagca     540
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ggtgtctata ttgggccatc cttctaccaa aagtggctga cagagcattt cttccatgca    960
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<210> 4
<211> 348
<212> PRT
<213> Homo sapien


<400> 4
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Ile Lys Tyr Gly Arg Val Leu Val His Val Cys Gly Gly Thr Leu Val
        100   105   110

Arg Glu Arg Trp Val Leu Thr Ala Ala His Cys Thr Lys Asp Ala Ser
        115   120   125

Asp Pro Leu Met Trp Thr Ala Val Ile Gly Thr Asn Asn Ile His Gly
        130   135   140

Arg Tyr Pro His Thr Lys Lys Ile Lys Ile Lys Ala Ile Ile Ile His
145   150   155   160

Pro Asn Phe Ile Leu Glu Ser Tyr Val Asn Asp Ile Ala Leu Phe His
                165   170   175

Leu Lys Lys Ala Val Arg Tyr Asn Asp Tyr Ile Gln Pro Ile Cys Leu
            180   185   190

Pro Phe Asp Val Phe Gln Ile Leu Asp Gly Asn Thr Lys Cys Phe Ile
            195   200   205

Ser Gly Trp Gly Arg Thr Lys Glu Glu Gly Asn Ala Thr Asn Ile Leu
        210   215   220

Gln Asp Ala Glu Val His Tyr Ile Ser Arg Glu Met Cys Asn Ser Glu
225   230   235   240

Arg Ser Tyr Gly Gly Ile Ile Pro Asn Thr Ser Phe Cys Ala Gly Asp
            245   250   255

Glu Asp Gly Ala Phe Asp Thr Cys Arg Gly Asp Ser Gly Gly Pro Leu
            260   265   270

Met Cys Tyr Leu Pro Glu Tyr Lys Arg Phe Phe Val Met Gly Ile Thr
            275   280   285

Ser Tyr Gly His Gly Cys Gly Arg Arg Gly Phe Pro Gly Val Tyr Ile
        290   295   300

Gly Pro Ser Phe Tyr Gln Lys Trp Leu Thr Glu His Phe Phe His Ala
305   310   315   320

Ser Thr Gln Gly Ile Leu Thr Ile Asn Ile Leu Arg Gly Gln Ile Leu
            325   330   335

Ile Ala Leu Cys Phe Val Ile Leu Leu Ala Thr Thr
            340   345

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cgtgttcttg ttcatgtatg tgggggaacc ctagtgagag agaggtgggt cctcagagct   180
gcccacagca ctaaagacrc tagcgatcct ttaatgtgga cagctgtgat tggaactaat   240
aatatacatg gacacctatcc tcataccaat aagataaaaa ttaaagcaat cattattcat
ctaaacttca tttttgaaatc ttatgtaaat gatattgca ttttttcatt aaaaaaagtta
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<210> 6
<211> 288
<212> PRT
<213> Homo sapien

<400> 6

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                20                  25                  30
Val Ser Leu Gln Ile Lys Tyr Gly Arg Val Leu Val His Val Cys Gly
            35                  40                  45
Gly Thr Leu Val Arg Glu Arg Trp Val Leu Thr Ala Ala His Cys Thr
        50                  55                  60
Lys Asp Ala Ser Asp Pro Leu Met Trp Thr Ala Val Ile Gly Thr Asn
65                  70                  75                  80
Asn Ile His Gly Arg Tyr Pro His Thr Lys Lys Ile Lys Ile Lys Ala
                85                  90                  95
Ile Ile Ile His Pro Asn Phe Ile Leu Glu Ser Tyr Val Asn Asp Ile
                100                 105                 110
Ala Leu Phe His Leu Lys Lys Ala Val Arg Tyr Asn Asp Tyr Ile Gln
            115                 120                 125
Pro Ile Cys Leu Pro Phe Asp Val Phe Gln Ile Leu Asp Gly Asn Thr
            130                 135                 140
Lys Cys Phe Ile Ser Gly Trp Gly Arg Thr Lys Glu Glu Gly Asn Ala
145                 150                 155                 160
Thr Asn Ile Leu Gln Asp Ala Glu Val His Tyr Ile Ser Arg Glu Met
                165                 170                 175
Cys Asn Ser Glu Arg Ser Tyr Gly Gly Ile Ile Pro Asn Thr Ser Phe
            180                 185                 190
Cys Ala Gly Asp Glu Asp Gly Ala Phe Asp Thr Cys Arg Gly Asp Ser
            195                 200                 205
Gly Gly Pro Leu Met Cys Tyr Leu Pro Glu Tyr Lys Arg Phe Phe Val
        210                 215                 220
Met Gly Ile Thr Ser Tyr Gly His Gly Cys Gly Arg Arg Gly Phe Pro
225                 230                 235                 240
Gly Val Tyr Ile Gly Pro Ser Phe Tyr Gln Lys Trp Leu Thr Gln His
                245                 250                 255
Phe Phe His Ala Ser Thr Gln Gly Ile Leu Thr Ile Asn Ile Leu Arg
                260                 265
Gly Gln Ile Leu Ile Ala Leu Cys Phe Val Ile Leu Leu Ala Thr Thr
                270                 275             285
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<210> 7
<211> 1286
<212> DNA
<213> Homo sapien

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gtgggggaac cctagtgaga gagaggtggg tcctcacagc tgcccactgc actaaagacg      480
ctagcgatcc tttaatgtgg acagctgtga ttggaactaa taatatacat ggacgctatc      540
ctcataccaa gaagataaaa attaaagcaa tcattattca tccaaacttc attttggaat      600
cttatgtaaa tgatattgca ctttttcact taaaaaaagc agtgaggtat aatgactata      660
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ttataagtgg ctggggaaga acaaaagaag aaggtaacgc tacaaatatt ttacaagatg      780
cagaagtgca ttatattttct cgagagatgt gtaattctga gaggagttat gggggaataa      840
ttcctaacac ttcattttgt gcaggtgatg aagatggagc ttttgatact tgcaggggtg      900
acagtggggg accattaatg tgctacttac cagaatataa aagatttttt gtaatgggaa      960
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ccttctacca aaagtggctg acagagcatt tcttccatgc aagcactcaa ggcatactta     1080
ctataaatat tttacgtggc cagatcctca tagctttatg ttttgtcatc ttactagcaa     1140
caacataaag aaattctgaa ggctttcata tctttatttt gcattgtgtc cctttctatg     1200
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tgtgaacatt ttatgggcta taaata                                         1286
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